

Appl. No. 10/691,390
Amdt. dated January 28, 2005
Further Reply to Office Action of September 30, 2004

Amendments to the Claims:

Listing of Claims:

1. (Currently Amended) A process for the production of alkyl salicylic acids comprising reacting salicylic acid with an olefin having at least four carbon atoms at an elevated temperature in the range of from about 50°C to about 200°C in the presence of a perfluoroalkylsulfonic acid, an alkylsulfonic acid, or an acidic clay as a catalyst.
2. (Currently Amended) The process of claim 1 ~~1~~ wherein the catalyst is anhydrous methanesulfonic acid.
3. (Original) The process of claim 1 wherein the olefin is selected from the group consisting of isobutylene, propylene trimer, propylene tetramer, 1-hexene, 1-octene, 1-decene, 1-dodecene, 1-tetradecene, 1-hexadecene, 1-octadecene, 1-eicosene, 1-docosene, 1-tetracosene, and mixtures of the foregoing.
4. (Original) The process of claim 2 wherein the olefin is selected from the group consisting of isobutylene, propylene trimer, propylene tetramer, 1-hexene, 1-octene, 1-decene, 1-dodecene, 1-tetradecene, 1-hexadecene, 1-octadecene, 1-eicosene, 1-docosene, 1-tetracosene, and mixtures of the foregoing.
5. (Canceled)

Appl. No. 10/691,390

Amdt. dated January 28, 2005

Further Reply to Office Action of September 30, 2004

6. (Currently Amended) The process of claim ~~13~~ 1 wherein said elevated temperature is in the range of from about 120° to about 160° C.

7. (Currently Amended) A composition comprising an alkyl salicylic acid prepared by a process comprising reacting salicylic acid with an olefin having at least four carbon atoms at an elevated temperature in the range of from about 50°C to about 200°C in the presence of a perfluoroalkylsulfonic acid, an alkylsulfonic acid, or an acidic clay as a catalyst.

8. (Previously Presented) The composition of claim 7 wherein the catalyst is anhydrous methanesulfonic acid.

9. (Original) The composition of claim 7 wherein the olefin is selected from the group consisting of isobutylene, propylene trimer, propylene tetramer, 1-hexene, 1-octene, 1-decene, 1-dodecene, 1-tetradecene, 1-hexadecene, 1-octadecene, 1-eicosene, 1-docosene, 1-tetracosene, and mixtures of the foregoing.

10. (Original) The composition of claim 8 wherein the olefin is selected from the group consisting of isobutylene, propylene trimer, propylene tetramer, 1-hexene, 1-octene, 1-decene, 1-dodecene, 1-tetradecene, 1-hexadecene, 1-octadecene, 1-eicosene, 1-docosene, 1-tetracosene, and mixtures of the foregoing.

Appl. No. 10/691,390
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11. (Canceled)

12. (Currently Amended) The composition of claim ~~11~~ 7 wherein said elevated temperature is in the range of from about 120° to about 160° C.

13. (Canceled)